

# Maxdura® Keg Dual

## Overview

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### Frequency Band

UHF 860 - 960 MHz / NFC 13.56 MHz

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### Chip

Impinj Monza R6-P  
NXP ICODE SLIX2

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### Hard Tag Dimensions

53 x 43 mm / 2.09 x 1.69 in

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### International Standard

ISO 18000-6C, EPC Class 1 Gen 2  
NFC Forum Type 5

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### Industry Segments

Food  
Logistics  
Industrial Applications

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### Applications

Supply Chain Management  
On-Metal Asset Tracking  
Metal and Liquids

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## Tagging beer kegs with optimum reliability and unique NFC enhancements

Maxdura® Keg Dual hard tags are the dual-frequency (UHF RFID and NFC) solution of choice for reliably identifying and tracking beverage kegs, gas cylinders and other curved metal returnable transport items (RTI) under bulk reading conditions.

Maxdura® Keg Dual tags are specifically designed to withstand the harshest treatment. They come in ABS casings and are designed to be permanently glued to the inner face of the keg's collar. They are optimally protected, do not interfere with hand transport and allow a lifting rod to be inserted. This allows 100% reading rates even when palettes or truckloads with up to 50 kegs pass an UHF RFID gate. Abolishing the need for welding, Maxdura® Keg Dual tags are suitable for building into new kegs as well as for retrofitting existing ones.

The additional NFC functionality enables keg suppliers to connect with their customers in an innovative way and provide them with mobile digital experiences at the tap of a smartphone and NFC enables customers to conveniently access keg ID data.

Maxdura® Keg Dual tags come equipped with Impinj Monza R6-P UHF RFID ICs and NXP ICODE SLIX2 NFC ICs.

Our inlays and tags are compliant with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management, which ensure a reliable and state-of-the-art product that meets a variety of application needs, especially in the retail environment.

## Technical features

<b>Chip</b>	Impinj Monza R6-P NXP ICODE SLIX2
<b>EPC and User Memory</b>	128-bit and 32-bit / 2528-bit (NFC)
<b>TID Memory</b>	Available
<b>Product Code</b>	3007416
<b>Hard Tag Dimension</b>	53 x 43 mm / 2.09 x 1.69 in
<b>Thickness</b>	22 mm / 0.87 in
<b>Housing Material</b>	ABS
<b>Color</b>	Grey
<b>Operating Temperature</b>	-40 °C to 70 °C -40 °F to 158 °F
<b>Quantity / Package</b>	100 pcs / box
<b>Certificates</b>	IP68 Vibration test according to IEC 68.2.6; Shock test according to IEC 68.2.29 Impact test according to IEC 62262-IK07 Regulation EC(No) 1935 / 2004 ; 80/590/EEC and 89/109/EEC; Regulation EU 10/2011; EU 2019/1338; LFGB (Lebensmittel-, Bedarfsgegenstände- und Futtermittelgesetzbuch) German regulation BGBl. Ip.498, §§30 and 31 Broadband

### Contact information

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**Warranty:** Please refer to Avery Dennison standard terms and conditions: [rfid.averydennison.com/termsandconditions](http://rfid.averydennison.com/termsandconditions)

**Care and handling:** RFID inlays are sensitive to ESD. Observe standard industry practices relating to electronics / RFID to keep environmental impact and static charge to a minimum.

**Applications:** This product should be tested by the customer / user thoroughly under end use conditions to ensure the product meets the particular requirements. Avery Dennison does not represent that this product is fit for any particular purpose or use. Avery Dennison reserves the right to modify, change, supplement or discontinue product offerings at any time without notice. The information contained herein is believed to be reliable but Avery Dennison makes no representation concerning the accuracy or correctness of the data.